

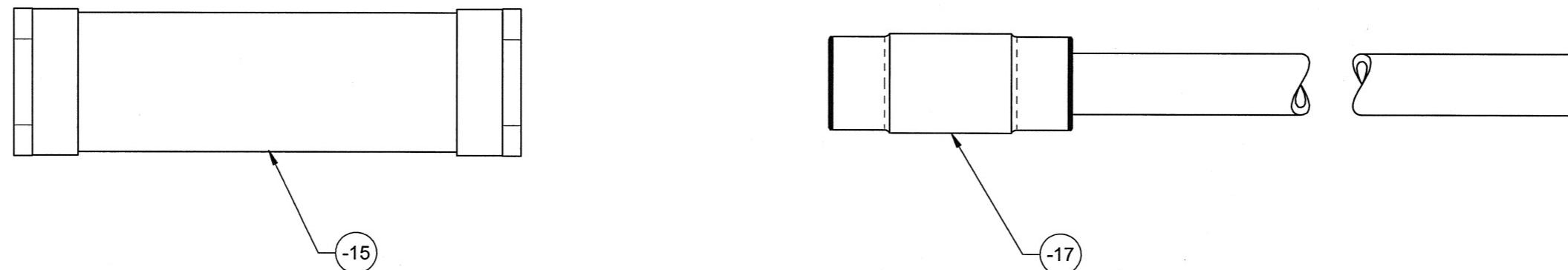
ITEM #	QTY	PART #	PART TITLE
-15	1	RBE703A95-0505-00-15	TGB DRAIN TUBE QUILL ASSEMBLY
-17	1	RBE703A95-0505-00-17	TGB DRAIN TUBE HOSE ASSEMBLY

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RBE703A95-0505-00 TGB DRAIN TUBE

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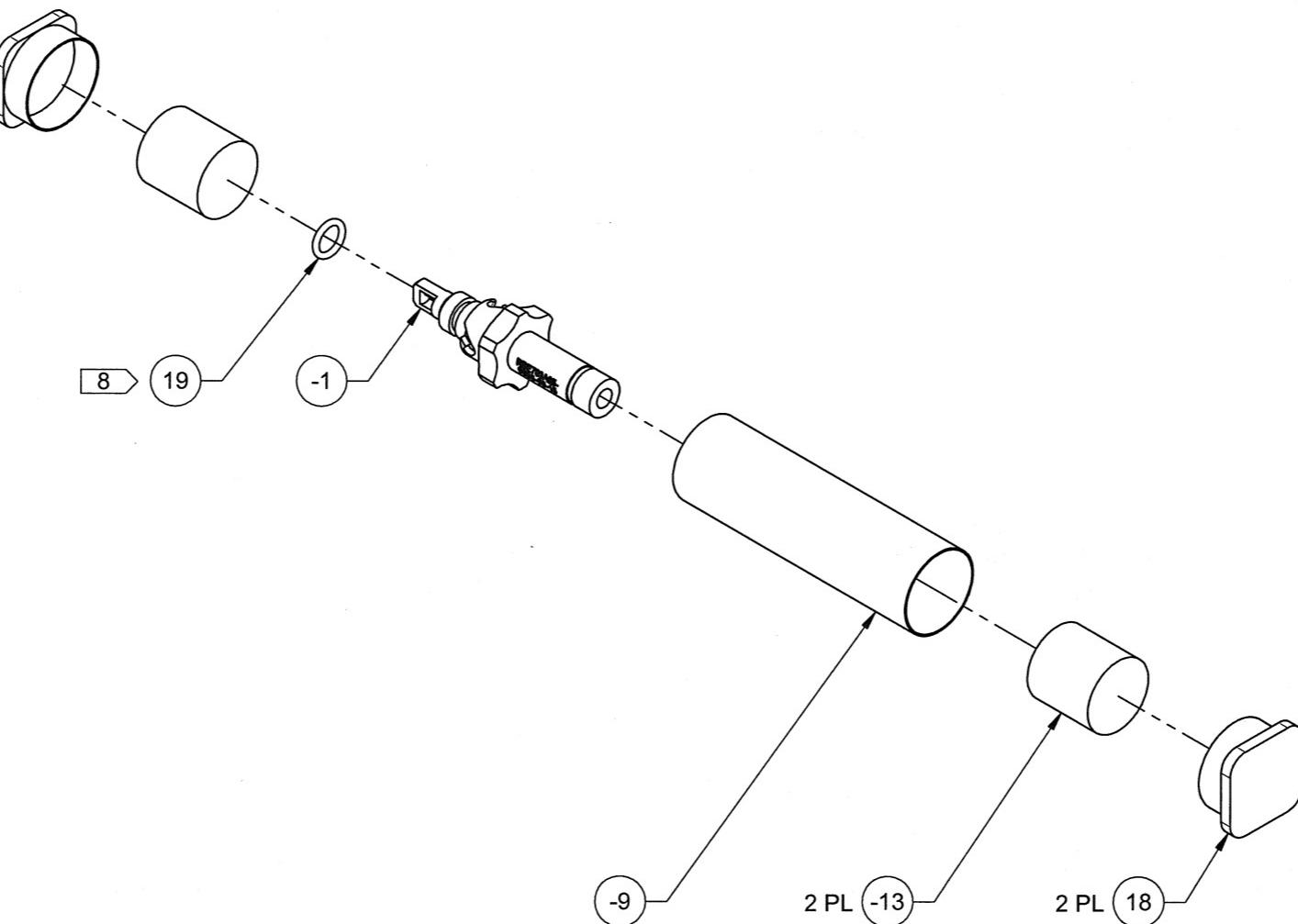
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NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) PLACE ITEM -17 COILED INTO A TIGHT FITTING SEALED PLASTIC BAG WITH ITEM -15

M	-13 MATERIAL WAS NEW PIG #PAD210 OR EQUIV. IS McMaster#1887T48 OR EQUIV.			19-701	MBB
L	SEE PREVIOUS REVISION FOR MORE INFORMATION UPDATED DRAWING TEMPLATE ADDED ITEMS -15 AND -17 -1 REMOVED .02 X 30° CHAMFER. REMOVED 0.108 DIM. DIM WAS 2.97 MAX IS 2.970/2.965			19-563	KPT
REV.	DESCRIPTION			ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD			A
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA			
CHECKED	KPT	TOOL PART #			
MFG. APPR.	DP	RBE703A95-0505-00			REV. M
APPROVED	WY	TITLE			SHEET 1 OF 6
DATE 4/24/2019			SCALE		
NTS			COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		

ITEM #	QTY	PART #	PART TITLE
-1	1	RBE703A95-0505-00-1	QUILL
-9	1	RBE703A95-0505-00-9	TUBE
-13	2	RBE703A95-0505-00-13	FOAM
18	2	McMaster#2044T67 OR EQUIV.	VINYL END CAP FOR 1.09" ID. SHIPPING TUBE
19	1	McMaster#9263K173 OR EQUIV.	VITON O-RING 9 mm ID. X 13 mm OD. X 2 mm WD.



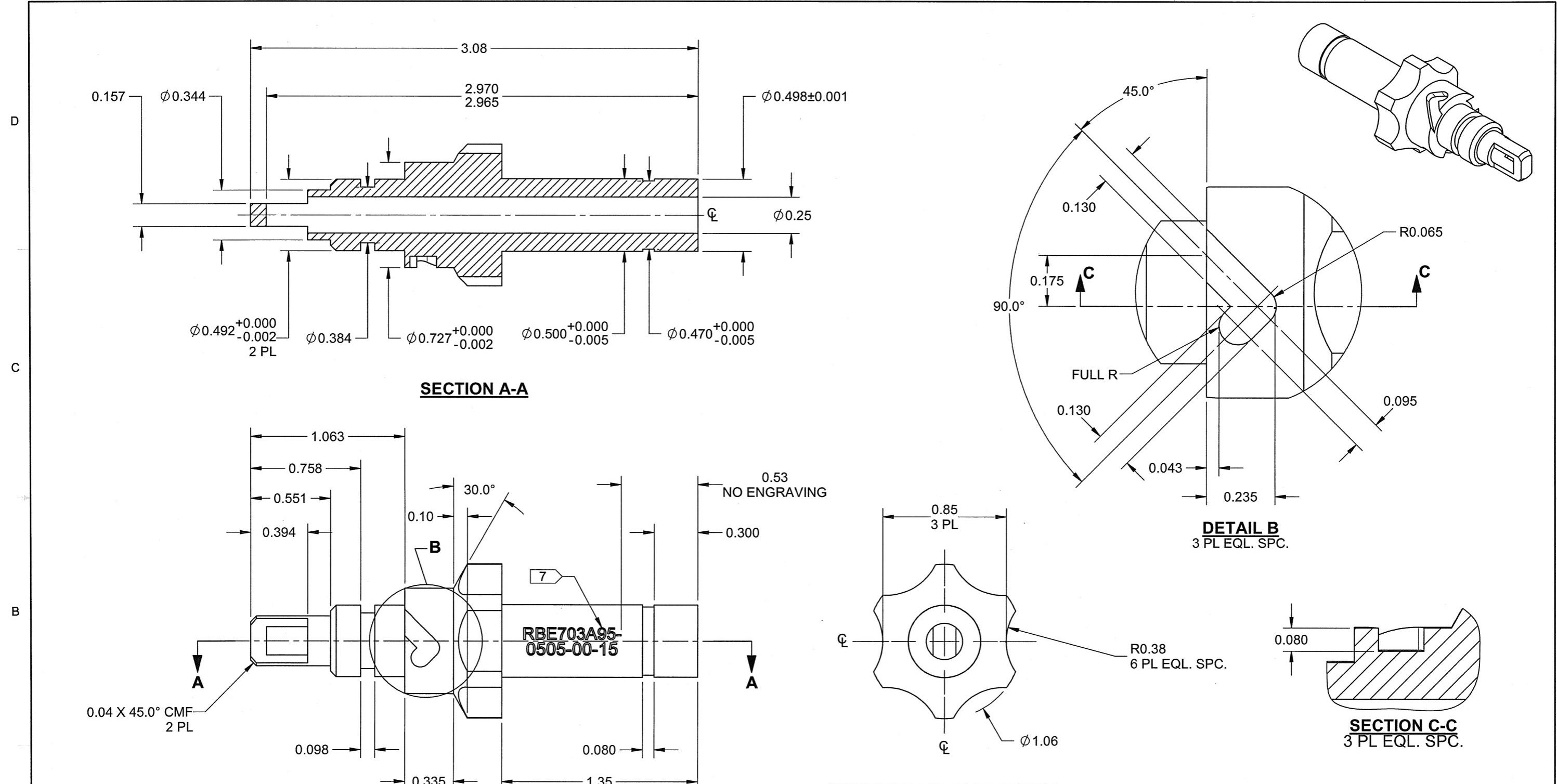
RBE703A95-0505-00-15 TGB DRAIN TUBE QUILL ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY MOLYKOTE 55 OR EQUIVALENT ON ITEM 19 THEN ASSEMBLE WITH ITEM -1, AND REMOVE EXCESS

DESIGN DRAWN	KPT MBB	DART AEROSPACE LTD	
CHECKED	KPT	HAWKESBURY, ONTARIO, CANADA	
MFG. APPR.	DP	TOOL PART #	REV. M
APPROVED	VJ	RBE703A95-0505-00	SHEET 2 OF 6
DATE 4/24/2019		TITLE TGB DRAIN TUBE	
SCALE NTS			

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**NOTES:**

- MATERIAL: 6061-T6 / 7075-T6
- HEAT TREAT: N/A
- FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- UNITS: INCHES UNLESS OTHERWISE NOTED
- REMOVE ALL SHARP EDGES AND BURRS
- IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

DESIGN DRAWN	KPT MBB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	KPT	TOOL PART #
MFG. APPR.	DP	RBE703A95-0505-00
APPROVED	VJ	TITLE
		TGB DRAIN TUBE
DATE	4/24/2019	SCALE
		NTS
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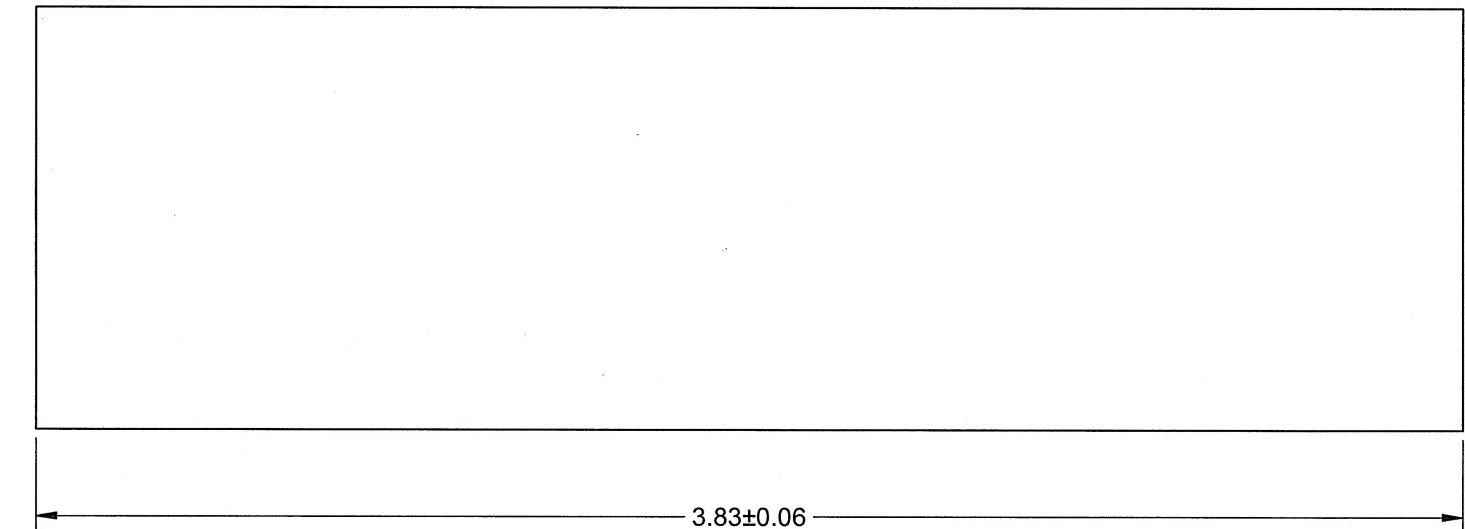
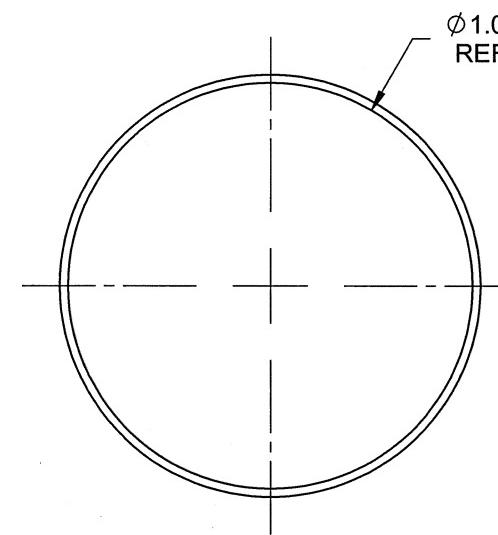
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RBE703A95-0505-00-9 TUBE

NOTES:

- 1) MATERIAL: McMaster#2044T47 OR EQUIV. (POLYETHYLENE PLASTIC SHIPPING TUBE 1.09" ID.)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN DRAWN	KPT MBB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	RBE703A95-0505-00
MFG. APPR.	DP	TITLE	TGB DRAIN TUBE
APPROVED	WJ	SCALE	NTS
DATE 4/24/2019		REV. M SHEET 4 OF 6	

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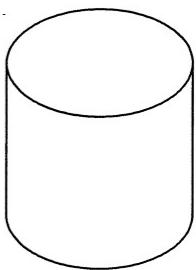
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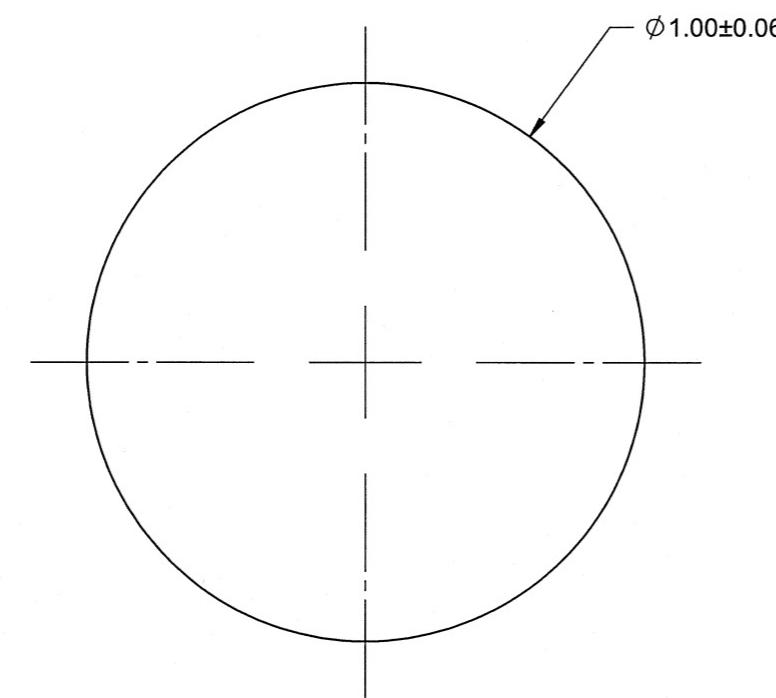


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RBE703A95-0505-00-13 FOAM

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- NOTES:**
1) MATERIAL: McMaster#1887T48 OR EQUIV. (OIL-RESISTANT BUNA-N FOAM 1.00" THK.)
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. M
MFG. APPR.	DP	RBE703A95-0505-00	SHEET 5 OF 6
APPROVED	<i>Vf</i>	TITLE	SCALE
DATE	4/24/2019	TGB DRAIN TUBE	NTS 
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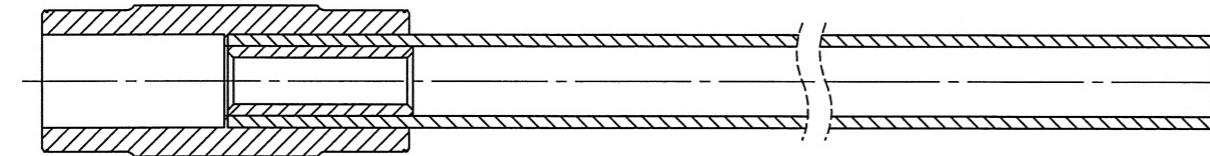
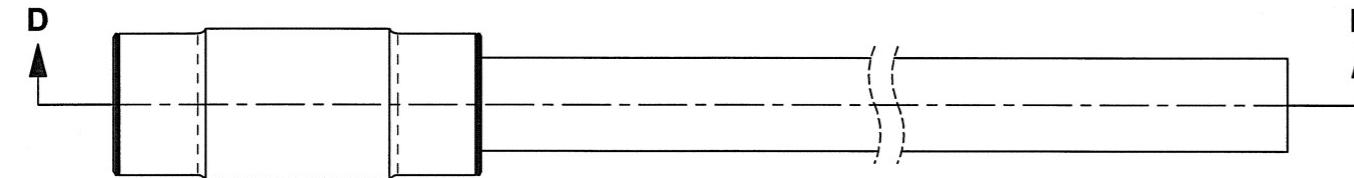
ITEM #	QTY	PART #	PART TITLE
20	1	DTSP10001	SLEEVE
21	1	Kuri-Tec#K010-0608 OR EQUIV.	CLEAR PVC TUBING 1/2" OD. X 3/8" ID. X 84" LG.
22	1	McMaster#51495K116 OR EQUIV.	NICKEL-PLATED BRASS PUSH-TO-CONNECT 1/2" OD. TUBE FITTING

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**SECTION D-D****RBE703A95-0505-00-17 TGB DRAIN TUBE HOSE ASSEMBLY****NOTES:**

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: $X.X = +/- 0.1"$ / $+/- 1^\circ$
 $X.XX = +/- 0.01"$ / $+/- 0.5^\circ$
 $X.XXX = +/- 0.005"$ / $+/- 0.1^\circ$
 $X.XXXX = +/- 0.0005"$ / $+/- 0.05^\circ$
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $+/- 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) INSTALL ITEM 20 INTO ONE END OF ITEM 21 UNTIL FLUSH

DESIGN DRAWN	KPT MBB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. M	
MFG. APPR.	DP	SHEET 6 OF 6	
APPROVED	VJF		
DATE 4/24/2019		TITLE TGB DRAIN TUBE	
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